



SERVICE INFORMATION LETTER

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OXYGEN - ATA CHAPTER 35

VENDOR CODE: 53655

P/N 9700 AND P/N 9800 SERIES PORTABLE CYLINDER ASSEMBLIES (PCA'S) - REDUCTION OF THE TORQUE USED TO TIGHTEN THE FLANGE HEX NUT ON THE HANDLE OF THE ON-OFF VALVE KIT.

1. BACKGROUND

- A. The current torque value range used to tighten the Flange Hex Nut on the Handle of the On-Off Valve Kit can, in some cases, result in the threads of the Flange Hex Nut being stripped during installation. This change will be incorporated into the CMM at the next revision. After the change is added to the CMM, this SIL will no longer be current.
- B. You are authorized to copy this SIL. If you copy this SIL, you must copy all of the SIL.

2. EFFECTIVITY

This SIL affects all end items in the 9700 and 9800 Series Portable Cylinder Assembly whether removed from an aircraft or from spares inventory.

3. MATERIALS

Only the materials and tools listed in the relevant CMM are required.

4. ACCOMPLISHMENT OF SIL

Refer to the applicable CMM (Section 5. Reference Document of this SIL) for the steps below.

- A. It will be necessary to apply a different torque to the Flange Hex Nut (IPL Fig. 7, Item 9B) when doing the ASSEMBLY section of the applicable CMM.
- B. Refer to paragraph 8. Regulator Assembly, G. Final Assembly, Step (1) in the ASSEMBLY section and change the torque values to the New Values indicated in Table 1 of this SIL.

Table 1
Torque Values

Old Values (Do not use)	New Values (Use)
20 – 25 in•lbs (2.3 – 2.8 N•m)	16 – 23 in•lbs (1.8 – 2.6 N•m)

- C. Refer to Table 8001 in the relevant CMM and change the entry for IPL Figure 7, Item 9B to the values shown in Table 2 of this SIL.
- D. No other values or procedures in the applicable CMM are affected by this SIL.



Table 2
Corrected Torques Values for Table 8001

IPL REFERENCE		NOMENCLATURE	TORQUE VALUES in•lbs (N•m)
FIG. NO.	ITEM NO.		
7	9B	Nut, Flange Hex	16 – 23 in•lbs (1.8 – 2.6 N•m)

5. Reference Document

A. CMM 35-31-55 P/N 9700 and P/N 9800 Series Portable Cylinder Assembly

6. TO CONTACT AVOX SYSTEMS:

Use the contact information below to get a copy of a CMM or the revision status of a publication. Give the AVOX Systems part number and the aircraft model when you request a CMM copy.

First tier operators:

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B. To have an AVOX Systems component serviced or overhauled:

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C. To buy replacement parts for an AVOX Systems component, contact any IN-Services location listed in Section B above.